

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2004/000231

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A61D 1/02, A01J 3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC A61D, A61B, A61F, A61M, A01J, A01K and keywords: teat, duct, plug and similar terms

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,938,517 A (ANDERSON) 17 February 1976 Column 3 lines 33 to 37	1-6, 8-15, 18-24, 37-39
X	US 3,821,956 A (GORDHAMER) 2 July 1974 Abstract	1-3, 5, 6, 8, 13-17, 20-21, 24, 25, 27-33, 38, 39
X	US 3,703,898 A (ZACKHEIM) 28 November 1972 Abstract	1-3, 5, 6, 8, 13-15, 18, 20-24, 27-33, 38, 39

 Further documents are listed in the continuation of Box C See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
4 November 2004Date of mailing of the international search report
09 NOV 2004

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C (Continuation).

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,030,960 A (TURNER et al) 24 April 1962 Whole document	1-3, 5, 6, 8, 13-15, 18, 20-22, 24, 25, 27-33, 38, 39
X	US 2,368,576 A (SMITH) 30 January 1945 Whole document	1-3, 5, 6, 8-10 13-15, 18, 20-24, 25, 38, 39
X	US 1,995,051 A (BENSON) 19 March 1935 Whole document	1-3, 5, 6, 8, 13-15, 18, 20-22, 24, 27-33, 38, 39
X	US 1,957,673 A (SAYRE) 8 May 1934 Whole document	1-3, 5, 6, 8-10, 13-15, 18, 20-22, 24, 38, 39
X	US 1,899,492 A (BEEBE) 28 February 1933 Whole document	1-3, 5, 6, 8-10 13-15, 18, 20-24, 38, 39
X	US 1,797,339 A (GUDMAND-HOYER) 24 March 1931 Whole document	1-3, 5, 6, 8, 13-15, 18, 20-22, 24, 27-33, 38, 39
X	US 1,688,795 A (AAS) 23 October 1928 Whole document	1-3, 5, 6, 8, 13-15, 18, 20-22, 24, 25, 27-33, 38, 39
A	EP 1 031 327 A2 (EBNER) 30 August 2000 Abstract	
A	US 2,832,343 A (MOSE) 29 April 1958 Abstract	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/NZ2004/000231

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

- Patent Document Cited in Search Report	Patent Family Member
US 3938517	
US 3821956	
US 3703898	
US 3030960	
US 2368576	
US 1995051	
US 1957673	
US 1899492	
US 1797339	
US 1688795	
EP 1031327	DE 19908080
US 2832343	

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX